

ABSTRACT OF THE DISCLOSURE

A biosensor in which at least one reagent constitutes a portion of a working electrode, a conductive track leading from a working electrode to an electrical contact associated with a working electrode, or an electrical contact associated with a working electrode. For example, the biosensor can have a mediator or an enzyme or both incorporated into the working electrode itself. Other reagents can be dispensed on the electrode itself either directly or by impregnating a matrix, such as a mesh or a membrane, with the enzyme, and then placing the impregnated mesh or membrane over the electrode. Alternatively, the biosensor can have a mediator or an enzyme or both incorporated into the conductive track leading from the working electrode to an electrical contact associated with the working electrode. In another alternative, the biosensor can have a mediator or an enzyme or both incorporated into the electrical contact associated with the working electrode itself. Furthermore, the biosensor can have a mediator or an enzyme or both incorporated into at least two of the foregoing components of the biosensor.